**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Class \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Andy, the wannabe astronomer, needs your help in **constructing a scale model drawing of the solar system**. Complete the following steps to show him how it is done.

**Physical Data Activity Sheet 1**

Complete the following table of physical data of the planets. Locate the data at one of these suggested Web sites:

<http://www.seds.org/nineplanets/nineplanets/>

<http://www.solarsystem.com/>

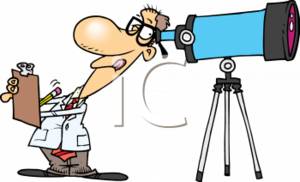
<http://dir.yahoo.com/Science/astronomy/>

For hints on how to convert between kilometres and centimetres and between kilometres and miles, visit one of these Web sites:

**Conversion Tables:**

<http://www.execpc.com/~wallin/convert>

<http://www.mplik.ru/~sg/transl/index.html>



**Table One: Physical Data of the Planets**

|  |  |  |  |
| --- | --- | --- | --- |
| **Planet** | **Radius**  **(km)** | **Radius**  **(in scientific notation-cm)** | **Diameter**  **(km)** |
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